

ABSTRACT OF THE DISCLOSURE

A double control apparatus capable of saving power and a power control method thereof are provided. The double control apparatus has a first power supply unit for converting alternating current (AC) power input from the outside into direct current (DC) power, and providing the DC power as the first power; a function performing unit, which is driven in response to a second power, for performing predetermined function(s); an external interface unit, which is driven in response to the first power and the second power, for receiving control information from the outside and outputting input state information to the outside; an auxiliary control unit, which is driven in response to the first power, for receiving the control information from the external interface unit, outputting the state information to the external interface unit, and in response to a sleep mode signal, outputting a power control signal; a main control unit, which is driven in response to the second power, for outputting the state information, which is obtained by executing a program for controlling the function performing unit, to the auxiliary control unit in response to the control information input from the auxiliary control unit, and generating the sleep mode signal in response to the result of checking whether or not performing the predetermined function by the function performing unit is completed; and a second power supply unit for outputting the first power as the second power in response to the power control signal. Therefore, power can be saved in the sleep mode.